

**FIG. 1.**  
**(PRIOR ART)**

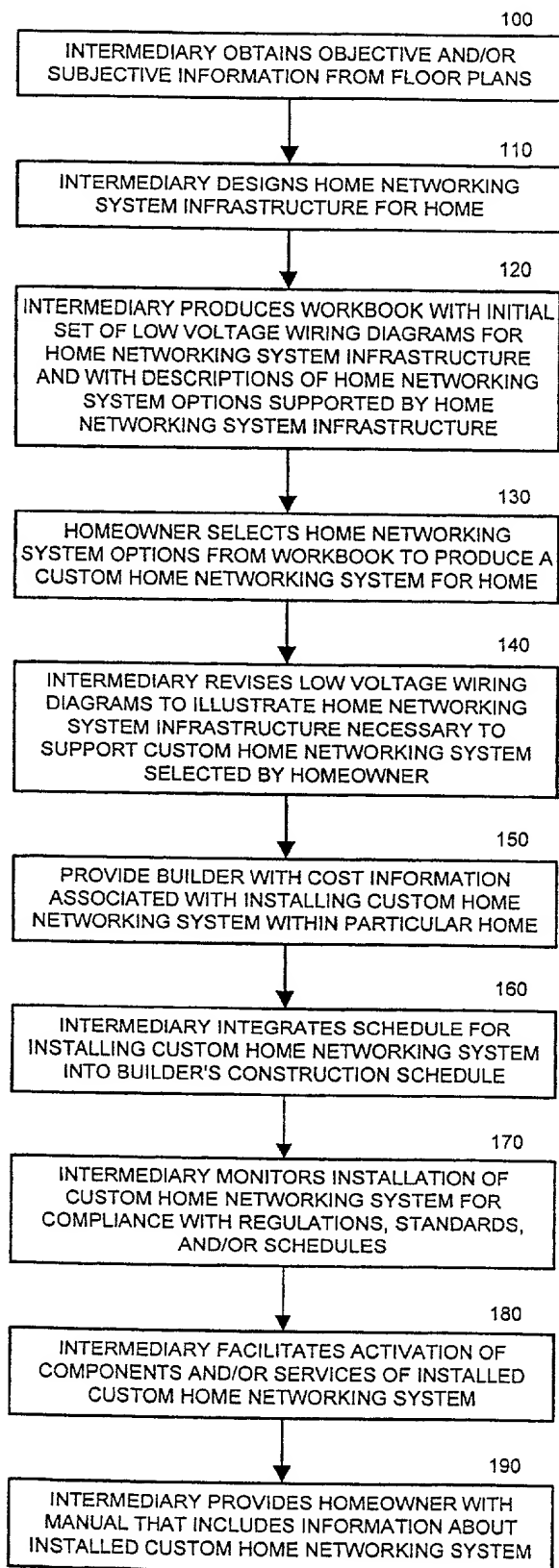


FIG. 2A

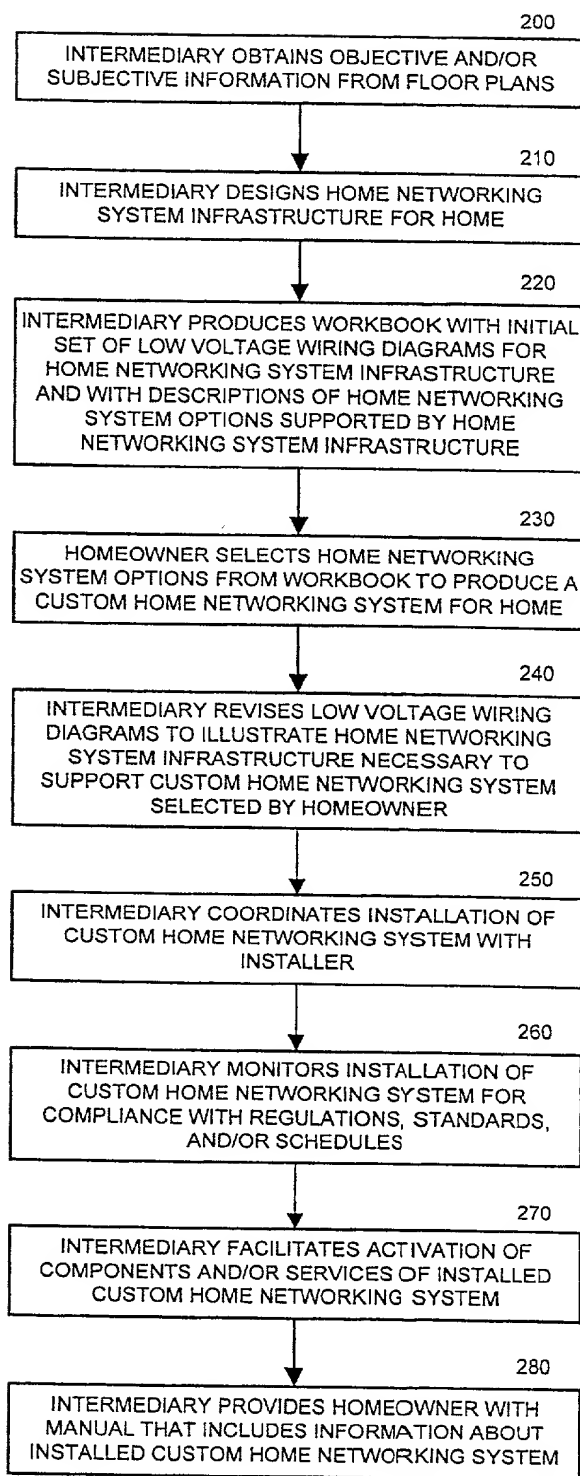


FIG. 2B

# Assumptions

Builder - Development Name \_\_\_\_\_

Plan or Blueprint # \_\_\_\_\_

Home Theater Mult. Factor		
Percent of Base Model	5%	

Wire Numbering Chart Factors		
Square Feet	2,781	75
Number of Floors	1	
DMARC Wire Mult. Factor	1	

<-- (Use 2 when an MDU)

Universal		
MBR, BR, FAM (Den, Loft, etc)	5	

Security Locations for Pre-wire		
	DI	Basic
Doors - 22/2 Blue	5	5
Windows - 22/2 White	20	0
Keypads - 22/4 Blue	3	1
PIR - 22/4 White	2	1
Sirens - 22/4 Yellow	2	1

Fire Safety Package		
	DI	Basic
Smoke/Heat Detectors	1	0
Heat Detector	3	0
Sprinkler Interface	1	0

TV Single or Dual Coax? Enter 1 or 2		
Single or Dual Coax	1	

<-- (Use 2 in Dual Cable area)

Audio Zones		
Number of Audio Zones	2	
Number of A/B Switches	1	

Surround Sound Locations		
Number of Locations	1	

Thermostats		
Number of Locations	2	

Central Vacuum/Wall Inlets		
Inlets per Sqare Feet	600	
Number of Wall Inlets	5	

<-- (Rounded Up)

Circuits Control System		
Number of Pre-wire Locations	3	
Number of CT-1000	1	

Gate Control		
Distance to Gate in Feet	200	

Conduit (Smun Tube) from NCC to Attic		
Number of Runs	0	37.5

Labor Factor		
Labor Multiplier Retro, Remodel	1.00	

<-- (1.00 if New Construction)

MDU		
Building Distribution System?	0	
Number of Buildings	0	
Number of Units	0	

<-- (1=Yes, 0=No)

13500 21201300

FIG. 3

15

[illegible]

F16-4

FIG. 5

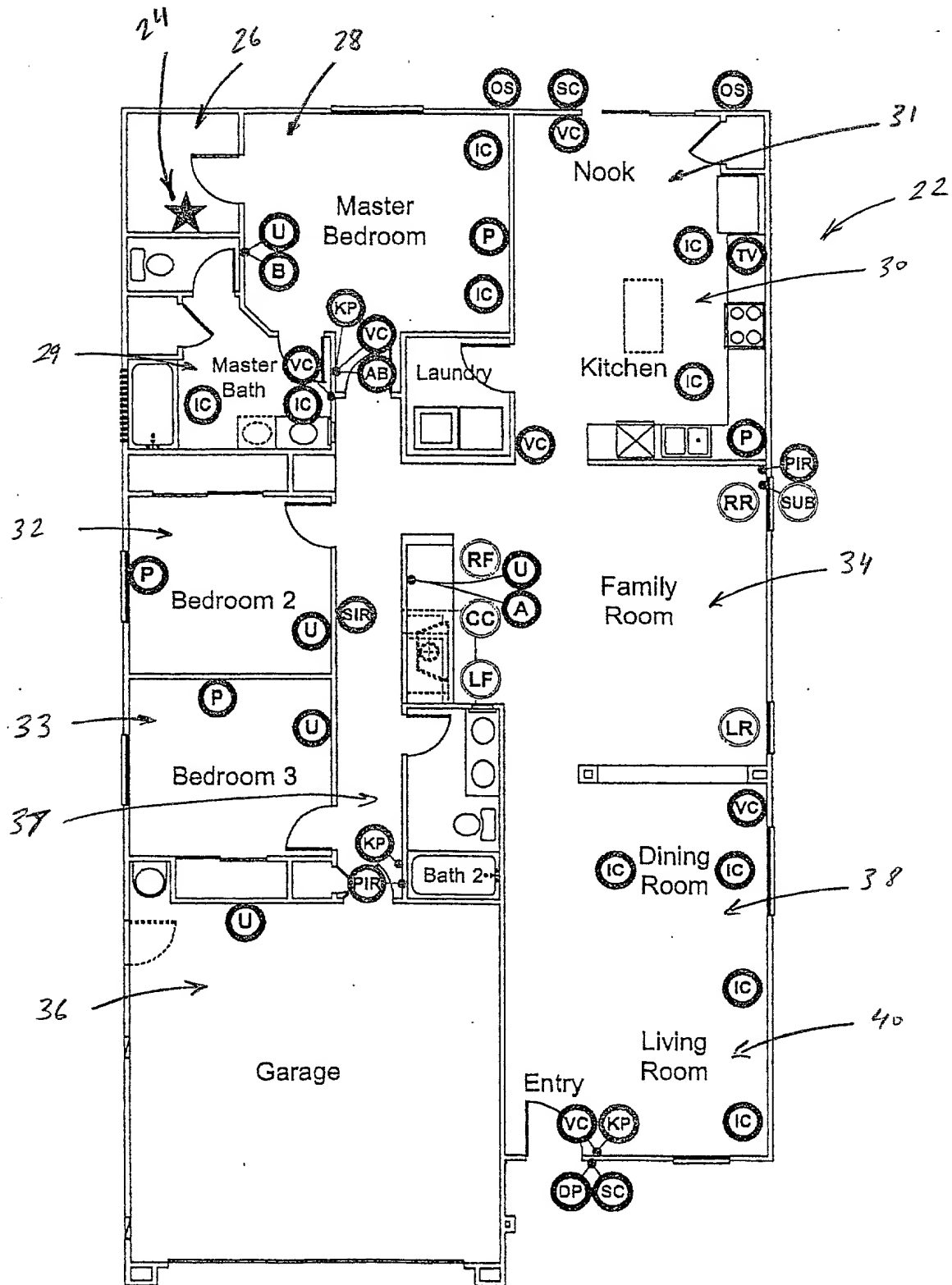















FIG. 5




























## Communication

FIG. 6A

	Distribution Center		
  	Phone Jack	  	TV Jack
  	Universal Outlet	  	Door Phone














































## Security

FIG. 6B

  	Keypad	  	4-Button Switch
  	Motion Detector	  	Dimmer Switch
  	Camera	  	Light Switch
  	Siren	  	IR Receiver
		  	Thermostat

## Entertainment

FIG. 6C

  	Volume Control	  	Left Front Speaker
  	In-Ceiling Speaker	  	Right Front Speaker
  	In-Wall Speaker	  	Center Channel
  	Outdoor Speaker	  	Left Rear Speaker
  	Audio Head End	  	Right Rear Speaker
  	B-Channel Input	  	Subwoofer Jack
  	A/B Switch	  	Speaker Jack
  	Speaker Jack		